

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on November 24, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV332826334US, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No.: 03-1119/LSIIP235

First Named Inventor: SUN

Ryan Eachus
Ryan Eachus



UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
Grace Sun, Vladimir Zubkov, William K. Barth, Sethuraman Lakshminarayanan, Sey-Shing Sun and Agajan Suvkhanov

For: **METHOD FOR CREATING BARRIER LAYERS FOR COPPER DIFFUSION**

Assigned to: LSI Logic Corporation

Application Elements:

- ☒ **21** Pages of Specification, Claims and Abstract
- ☒ **4** Sheets of formal Drawings
- ☒ **06** Pages Combined Declaration and Power of Attorney (2 sets)

Accompanying Application Parts:

- ☒ Do not publish this application. Nonpublication Request is attached.
- ☒ Assignment and Assignment Recordation Cover Sheet
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☐ Information Disclosure Statement with Form PTO-1449
 - ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard
- ☐ Other:

04772 U.S. PTO
112403

Claim For Foreign Priority

☐ Priority of _____ Application No. _____ filed on _____
is claimed under 35 U.S.C. § 119.

- ☐ The certified copy is enclosed.
☐ The certified copy has been filed in prior application U.S. Application No. _____
☐ The certified copy will follow.

Fee Calculation (37 CFR § 1.16)

☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	20	MINUS	20	= 0	x 18 =	\$-0-
INDEP.	2	MINUS	3	= 0	x 86 =	\$-0-
[] First presentation of multiple dependent claim					\$280 =	
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$770 =	\$770.00
TOTAL						\$770.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						

☒ The Commissioner is authorized to charge any fees which may be required to Deposit Account No. 12-2252 (Order No. 03-1119).

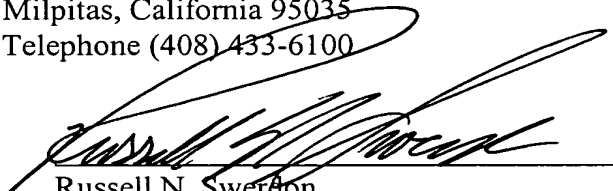
General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 12-2252 (Order No. 03-1119).

☒ Please send correspondence to the following address:

Customer Number 24319
LSI Logic Corporation
1621 Barber Lane, MS D-106
Milpitas, California 95035
Telephone (408) 433-6100

Date: November 24, 2003



Russell N. Swerdlow
Registration No. 36,943

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: SUN et al.

Attorney Docket No.: 03-1119/LSI1P235

Application No.: Not yet assigned

Examiner: Not yet assigned

Filed: Herewith

Group: Not yet assigned

Title: METHOD FOR CREATING BARRIER
LAYERS FOR COPPER DIFFUSION

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Signed: _____


Ryan Eachus

NONPUBLICATION REQUEST AND CERTIFICATION
(35 U.S.C. 122(b)(2)(B)(i))

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: _____

11.24.03


Russell N. Swerden

Registration No. 36,943

NOTE:

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications, eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign of international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).